Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A ~~process, executing on a~~ computer, for <u>calculating a predicted</u> ~~predicting an~~ opening index price of a security index that includes at least two discrete securities, the <u>computer comprising:</u> ~~process comprising:~~

a processor;

memory coupled to the processor; and

a computer readable medium storing a computer program product comprising instructions to cause the computer to

~~a trade monitoring process for~~ monitoring at least a portion of the trading of said discrete securities that occur outside of a regular trading session; and

~~a closing price variation calculation process~~ <u>calculate a,</u> ~~responsive to said trade monitoring process, for calculating the~~ predicated opening index price of the security index for the beginning of the next regular trading session with respect to a closing index price of said security index at the end of the previous regular trading session, wherein said index prices are indicative of a cumulative value of said discrete securities.

2. (Currently Amended) The ~~process~~ <u>computer</u> of claim 1 further comprising <u>instructions to:</u>

~~an index definition process for defining~~ <u>define</u> said security index including at least two discrete securities.

3. (Currently Amended) The ~~process~~ <u>computer</u> of claim 1 wherein said <u>instructions to monitor trading are</u> ~~trade monitoring process is~~ configured to monitor at least a trade price of each monitored trade of said discrete securities.

4. (Currently Amended) The ~~process~~ <u>computer</u> of claim 3 wherein said security index is a market capitalization weighted index and the cumulative value of the discrete securities is a market capitalization.

5. (Currently Amended) The ~~process~~ <u>computer</u> of claim 4 wherein said <u>instructions to calculate a predicted opening</u> ~~closing~~ price ~~variation calculation process~~ comprises <u>instructions to</u>:

~~a closing index market capitalization process for~~ calculating a closing index market capitalization value for said security index, ~~wherein said~~ <u>the</u> closing index market capitalization value ~~is~~ <u>being</u> the market capitalization value of said security index at the end of the previous regular trading session.

6. (Currently Amended) The ~~process~~ <u>computer</u> of claim 5 wherein <u>instructions to calculate a predicted opening</u> ~~said closing price variation calculation process~~ includes <u>instructions to</u>:

~~a current index market capitalization process for calculating~~ <u>calculate</u> a current index market capitalization value for said security index, ~~wherein~~ <u>with</u> said current index market capitalization value ~~is~~ <u>being</u> the current market capitalization value of said security index.

7. (Currently Amended) The ~~process~~ <u>computer</u> of claim 6 wherein <u>instructions to calculate a predicted opening</u> ~~said current index market capitalization process~~ includes <u>instructions to calculate</u> ~~a discrete security market capitalization process for calculating~~ a discrete market capitalization value for each said discrete securities included in said security index, <u>with the</u> ~~wherein each said~~ discrete market capitalization value <u>being</u> ~~is~~ the product of the total

number of outstanding shares of each discrete security and the trade price that ~~of said discrete security, where the trade price~~ represents the last trade value of the discrete security.

8. (Currently Amended) The ~~process~~ computer of claim 7 wherein instructions to calculate a predicted opening ~~said current index market capitalization process~~ includes instructions to produce a sum of ~~an index market capitalization process, responsive to said discrete security market capitalization process, for summing~~ each of the ~~said~~ discrete market capitalization value_s to determine ~~said~~ the current index market capitalization value for ~~said~~ the security index.

9. (Currently Amended) The ~~process~~ computer of claim 6 wherein instructions to calculate a predicted opening ~~said closing price variation calculation process~~ includes instructions to compare the ~~a market capitalization comparison process for comparing said~~ closing index market capitalization value and ~~said~~ the current index market capitalization value to calculate ~~said~~ the predicated opening index price of ~~said~~ the security index.

10. (Withdrawn) The process of claim 3 wherein said security index is a stock weighted index.

11. (Withdrawn) The process of claim 10 wherein said closing price variation calculation process includes a closing index stock weighting process for calculating a closing index stock weighted value for said security index, wherein said closing index stock weighted value is the stock weighted value of said security index at the end of the previous regular trading session.

12. (Withdrawn) The process of claim 11 wherein said closing price variation calculation process includes a current index stock weighting process for calculating a current index stock weighted value for said security index, wherein said current index stock weighted value is the current stock weighted value of said security index.

13. (Withdrawn) The process of claim 12 wherein said current index stock weighting process includes a discrete security trade value summing process for summing said trade price of each said discrete security included in said security index to generate said current index stock weighted value, wherein said trade price represents the last trade value that said discrete security traded for.

14. (Withdrawn) The process of claim 12 wherein said closing price variation calculation process includes a stock weighting comparison process for comparing said closing index stock weighted value and said current index stock weighted value to calculate said predicated opening index price of said security index.

15. (Currently Amended) The ~~process~~ computer of claim 1 further comprising instructions to:
~~wherein said trade monitoring process includes a trade filtering process for~~ filtering those trades, of the trades that occurred outside of a regular trading session, that were determined to be bad trades, from the trades that occur outside of a regular trading session.

16. (Currently Amended) A computer-implemented method for calculating a predicted opening index price ~~market indicator process for predicting an opening index price~~ of a security index, the method executed on one or more computer systems, the method comprising:
~~an index definition process for~~ defining a security index including at least two discrete securities, wherein said index price is indicative of the cumulative value of said discrete securities;
~~a trade monitoring process for~~ monitoring at least a portion of the trading of said discrete securities that occur outside of a regular trading session; and
~~a closing price variation calculation process, responsive to said trade monitoring process,~~ ~~for~~ calculating based on trading of the securities that occurs outside of the regular trading

session, a predicated opening index price of said security index for the beginning of the next regular trading session with respect to a closing index price of said security index at the end of the previous regular trading session.

17. (Currently Amended) A computer-implemented method for calculating a predicted opening index price predicting an opening index price of a security index including at least two discrete securities, the method executed on one or more computer systems, the method comprising:

monitoring at least a portion of the trading of the discrete securities that occur outside of a regular trading session; and

calculating the predicated opening index price of the security index for the beginning of the next regular trading session with respect to a closing index price of the security index at the end of the previous regular trading session, wherein the index prices are indicative of the cumulative value of the discrete securities.

18. (Original) The method of claim 17 further including defining the security index including at least two discrete securities.

19. (Currently Amended) The method of claim 17 wherein said monitoring at least a portion of the trading further includes monitoring at least a trade price of each monitored trade of the discrete securities.

20. (Original) The method of claim 19 wherein the security index is a market capitalization weighted index and said calculating the predicated opening index price includes calculating a closing index market capitalization value for the security index, wherein the closing index market capitalization value is the market capitalization value of the security index at the end of the previous regular trading session.

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21. (Original) The method of claim 20 wherein said calculating the predicated opening index price includes calculating a current index market capitalization value for the security index, wherein the current index market capitalization value is the current market capitalization value of the security index.

22. (Original) The method of claim 21 wherein said calculating a current index market capitalization value includes calculating a discrete market capitalization value for each discrete security included in the security index, wherein each discrete market capitalization value is the product of the total number of outstanding shares of that discrete security and the trade price of that discrete security, wherein the trade price represents the last trade value that that discrete security traded for.

23. (Original) The method of claim 22 wherein said calculating a current index market capitalization value includes summing each discrete market capitalization value to determine the current index market capitalization value for the security index.

24. (Original) The method of claim 21 wherein said calculating the predicated opening index price includes comparing the closing index market capitalization value and the current index market capitalization value to calculate the predicated opening index price of the security index.

25. (Withdrawn) The method of claim 19 wherein the security index is a stock weighted index and said calculating the predicated opening index price includes calculating a closing index stock weighted value for the security index, wherein the closing index stock weighted value is the stock weighted value of the security index at the end of the previous regular trading session.

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26. (Withdrawn) The method of claim 25 wherein said calculating the predicated opening index price includes calculating a current index stock weighted value for the security index, wherein the current index stock weighted value is the current stock weighted value of the security index.

27. (Withdrawn) The method of claim 26 wherein said calculating a current index stock weighted value includes summing the trade price of each discrete security included in the security index to generate the current index stock weighted value, wherein the trade price represents the last trade value that that discrete security traded for.

28. (Withdrawn) The method of claim 26 wherein said calculating the predicated opening index price includes comparing the closing index stock weighted value and the current index stock weighted value to calculate the predicated opening index price of the security index.

29. (Currently Amended) The method of claim 17 wherein said monitoring at least a portion of the trading includes filtering those trades, of the trades that occurred outside of a regular trading session, that were determined to be bad trades, from the trades that occur outside of a regular trading session.

30. (Original) A computer program product for calculating a predicted opening index price of an index, the computer program product residing on a computer readable medium having a plurality of instructions stored thereon which, when executed by the processor, cause that processor to:

monitor at least a portion of the trading of the discrete securities that occur outside of a regular trading session; and

calculate the predicated opening index price of the security index for the beginning of the next regular trading session with respect to a closing index price of the security index at the end

of the previous regular trading session, wherein the index prices are indicative of the cumulative value of the discrete securities.